

DWMIR960 / DWMIRW960 700 Line Outdoor IR Dome Cameras w/OSD



Sony 960H Chip, WDR, OSD, DNR, 60' IR Range, 3.6mm Lens

PRODUCT FEATURES

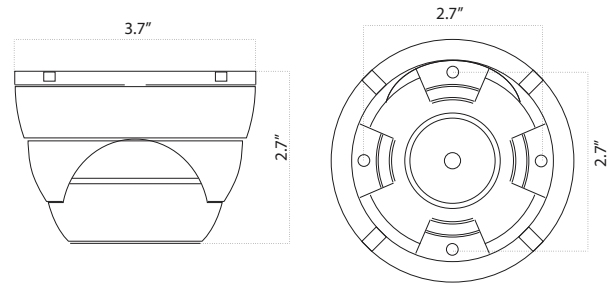
- Sony 960H Chip 700 Lines of Resolution
- Digital Wide Dynamic Range
- DNR - Digital Noise Reduction
- OSD - On Screen Display
- 3.6mm Varifocal Lens
- Up to 60 Feet IR Range
- IP66 Weatherproof Rating

SPECIFICATIONS

Model No.	DWMIR960	DWMIRW960
Imaging Device	960H 1/3' SONY Super HAD II CCD	
Resolution	700 TV Lines	
Minimum Illumination	0.0 Lux (IR LED On)	
Lens Size / Maximum Aperture	3.6mm Fixed Focal Lens	
IR LED Range / IR LED Count	60 Feet / 23 Pieces	
IR LED Wavelength	850nm	
Maximum Aperture	F2.0	
S/N Ratio	More than 52db	
Electronic Shutter Speed	AUTO, FLK, 1-60 ~ 1/100,000	
OSD (On Screen Display)	Yes (Cable Mounted)	
BLC (Backlight Compensation)	OFF / BLC / HBLCL	
AGC Automatic Gain Control	AUTO / MANUAL	
White Balance	ATW, MANUAL, USER 1, USER 2	
Day-Night	COLOR / BW / AUTO / EXT 1 / EXT 2	
DNR (Digital Noise Reduction)	ON / OFF	
D-WDR (Digital Wide Dynamic Range)	ON / OFF (Adjustable 1~63)	
Motion Detection	ON / OFF 4 - Zones Programmable	
Privacy Masking	ON / OFF 8 - Zones Programmable	
Sharpness	(Adjustable 0~255)	
TV System	NTSC	
Effective Pixels	976 (H) X 495 (V)	
Scanning System	2:1 Interlaced	
Sync System	Internal Negative Sync	
Video Output	1.0Vp-p 75 OHM Composite BNC	
Gamma Characteristics	0.45	
Power Requirement / Consumption	12 Volts DC / 400mA	
Operating Temperature	-14°F ~ 122°F	
Weight	1.5 Lb.	
Housing / Color	Aluminum (Gray)	Aluminum (White)
Dimension	3.7" W x 2.7" H	
Weatherproof Rating	IP66	

* All specifications subject to change without notice for quality improvement

CAMERA DIMENSIONS / LINE ART



CAMERA COMPONENT DESCRIPTIONS

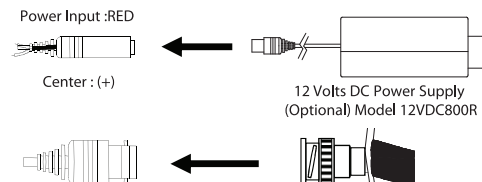


- ← Mounting Base
- ← Locking Collar

CAMERA CABLE CONNECTION

Insert power lead into power connector (insure proper voltage is supplied and observe polarity).

Insert video lead into BNC connector (push, then twist to lock BNC connector in place).



OSD CONTROL

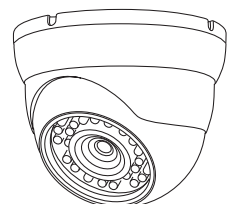
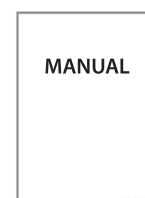
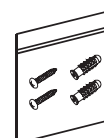
Press the Joystick button on the cable mounted OSD control to access the OSD menu.

In-Line
Cable Mounted
OSD Control



PACKAGE CONTENTS

- (1) Camera
- (1) Mounting Hardware Packet
- (1) User Manual



OSD MENU TREE

OSD Menu	Lens	Manual	
	SHUTTER / AGC	Auto	High Luminance Mode SHUT / Brightness 0~255 Adjustable
			Low Luminance Mode AGC / OFF - Brightness x0.25 ~ x 1.00 Adjustable
		Manual	Mode = SHUT+AGC
			SHUTTER = 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
			AGC = 6, 12, 18, 24, 30, 36, 42, 44.8
	WHITE BALANCE	ATW	SPEED = 0~255 / DELAY CNT = 0~255 / ATW FRAME = x0.50, x1.00, x1.50, x2.00
			ENVIRONMENT = INDOOR/ OUTDOOR
		MANUAL	Level 24~90 Adustable
		USER 1 / USER2	B-GAIN / R-GAIN LEVEL 0~255 Adjustable
			ANTI CR
			PUSH
			PUSH LOCK
	BACKLIGHT		OFF / BLC / HLC
	PICTURE ADJUST		MIRROR = ON/OFF
			BRIGHTNESS = 0~255 Adjustable
			CONTRAST = 0~255 Adjustable
			SHARPNESS = 0~255 Adjustable
			HUE = 0~255 Adjustable
			GAIN = 0~255 Adjustable
	D-WDR	ON / OFF	ON = Luminance = MID - LOW - HIGH CONTRAST = LOW - MID - MIDLOW - MIDHIGH - HIGH
	MOTION DET		OFF
		ON - 4 ZONE	DETECT SENSE = 0~127
			BLOCK DISP = OFF / ON ON = 16X24 Grid Adjustable
			MONITOR AREA = ON/OFF
			AREA SELECT 1/4, 2/4, 3/4, 4/4, TOP, BOTTOM, LEFT, RIGHT Adustable
	PRIVACY		OFF
		ON - 8 ZONE	AREA SELECT 1/8 ~ 8/8 , TOP, BOTTOM, LEFT, RIGHT Adustable
			COLOR = 1~8 Selectable
			TRANSP = 0.25, 0.50, 0.75, 1.00
			MOSAIC ON/OFF
	DAY/NIGHT	Auto	BURST = ON/OFF, DELAY COUNT = 0~255, DAY->NIGHT = 0~255, NIGHT->DAY = 0~255
		B/W	BURST = ON/OFF
			IR OPTIMIZER = ON / OFF
			MODE = AUTO, CENTER LEVEL = 0~31
			EXT1 / EXT2
			COLOR
	DNR	NR MODE	YC = Y LEVEL, C LEVEL 0~15 Adustable
			C = C LEVEL 0~15 Adustable
			Y = Y LEVEL, 0~15 Adustable
			OFF
	CAMERA ID	ON/OFF	ON = 50 Characters Maximum, Position Selectable
	SYNC		INT
	LANGUAGE		ENGLISH, CHINESE, JAPANESE, SPANISH PORTUGUESE, RUSSIAN, FRENCH, GERMAN
			CAMERA RESET / BACK / EXIT / SAVE ALL